

Single Pole Humidity Sensor and Fan Controller

Cat. No. DHS05 - INDOOR USE ONLY
120VAC, 60Hz - Single Pole Only

LED/CFL: 300W, Incandescent/Halogen: 600W, ELV/MLV: 400VA, Fan: 1/4 Hp



WARNINGS:

- **TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!**
- **TO AVOID PERSONAL INJURY OR PROPERTY DAMAGE, DO NOT** install to control a receptacle or a load in excess of the specified rating.
- To be installed and/or used in accordance with electrical codes and regulations.
- If you are not sure about any part of these instructions, consult an electrician.

CAUTIONS:

- **DO NOT** attempt to service or repair. There are no user-serviceable components.
- Use this device with **COPPER OR COPPER-CLAD WIRE ONLY**.
- To avoid damage to the product, **DO NOT** use disinfecting products, including foggers, sprays or other types of atomized cleaning agents.
- **DO NOT** spray liquid onto the product.
- To clean use a damp cloth with mild soap.

DI-000-DHS05-02B

INSTALLATION INSTRUCTIONS

ENGLISH

Features

Fantech's Humidity Sensor and Fan Controller senses the humidity of your bathroom and turns your bath fan ON when the humidity gets too high. This reduces condensation in your bathroom and increases ventilation when used in other household spaces.

- Compatible with Incandescent, LED, CFL and ELV/MLV loads when used with combination fan and light fixtures.
- Sensitivity adjustment.
- Built-in countdown timer feature for manual operation.
- Automatic ventilation/air circulation mode for continuous operation, with hourly preset time-outs.
- With Zero Cross turn-ON technology to extend the life of the switching relays.
- Advanced sensing enhances detection when room is occupied, and minimizes false triggers when room is unoccupied.
- Color change kits are available in white, light almond, ivory, black, brown, and gray.
- Also available as a Combination Single Pole Humidity Sensor and Fan Controller with Light Switch (DHD05).

Location

For bathroom applications, the device should be placed at a level that can detect steam. Placing the detector directly above a heater or near drafts is NOT recommended.

NOTES:

- The Humidity Sensor and Fan Control will not eliminate all condensation and must be used with a properly sized ventilation fan in an enclosed space.
- **DO NOT** use to control a fan/light combination where the fan/light is the only means of illumination.

You Will Need:

- Slotted/Phillips screwdriver
- Electrical tape
- Cutters
- Pliers

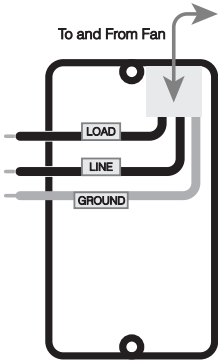
Installation

WARNING: TO AVOID FIRE, SHOCK, OR DEATH, turn off power at circuit breaker or fuse and test that the power is off before wiring!

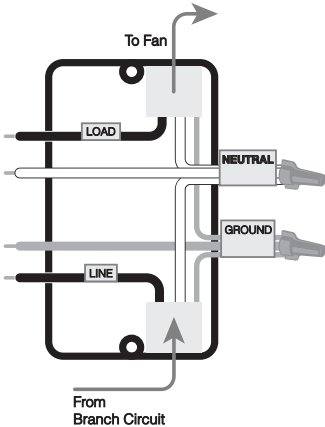
1. Identify your wires (most common):

NOTE: A Neutral wire (if present) or a Ground wire is required for operation. If the wiring in the wall box does not resemble this configuration, consult an electrician.

No Neutral wire



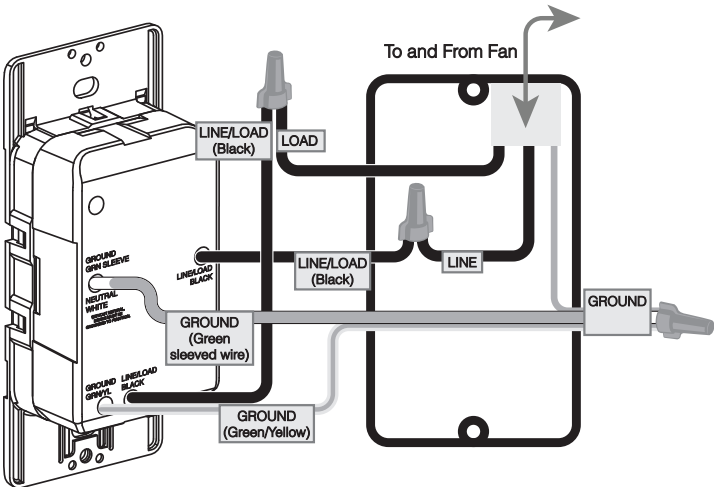
With Neutral wire



2a. Wire (when Neutral is NOT present)

Working on one connection at a time, connect wires as shown below.

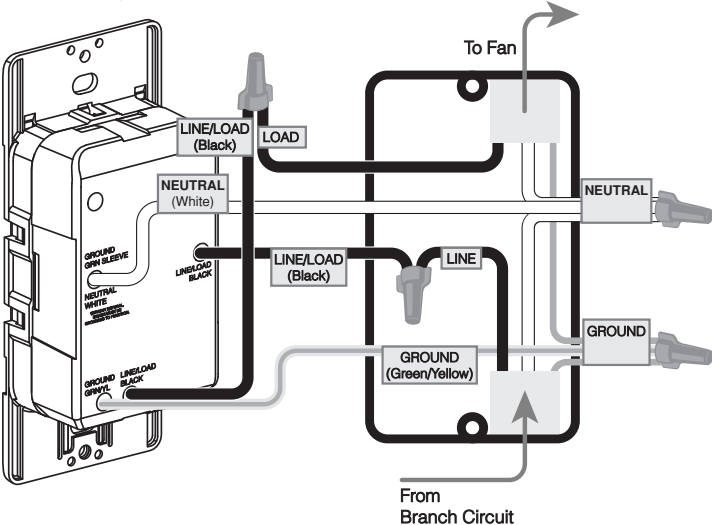
NOTE: This device is designed so that the Line and Load wires can be wired interchangeably.



2b. Wire (when Neutral is present)

Remove the Green sleeve from the White wire. Working on one connection at a time, connect wires as shown below.

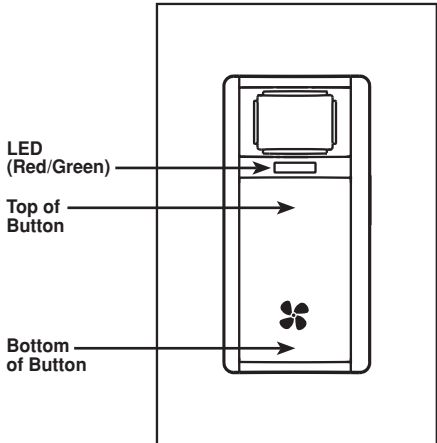
NOTE: This device is designed so that the Line and Load wires can be wired interchangeably.



3. Test and Mount

- Restore power. Wait 10-20 seconds for sensor to power up.
- The GREEN Light will blink once every 5 seconds during power up.
- Push the button to test the Load.
- Turn off power at circuit breaker before completing the installation.
- Gently push wires into wall box. Screw light control to box.
- Install wallplate.
- Restore power.

Operation

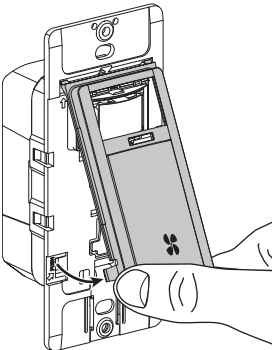


NOTE: When the RED and GREEN LEDs are on at the same time, the light will appear as an AMBER color.

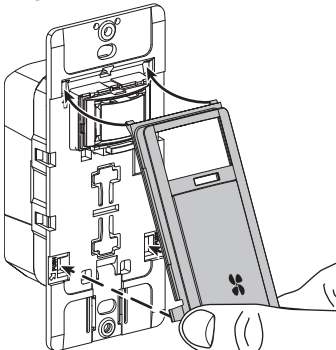
	LED Color	LED Status
Power Up	Green	Blink once every 5 seconds
Load OFF	OFF	OFF
Load ON	Green	ON
Bypass Mode	Green	Blink twice every 2 seconds
Test Mode	Red	Blink once every 2 seconds
Program Mode	Red/Green/Amber	See Programming Table

Changing Your Device Color

Remove



Replace



Available in White (W), Light Almond (T), Ivory (I), Brown (B), Black (E), Grey (G), (DOSKT-1Lx)

